

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A communications adapter for facilitating electronic communications with an electronic device wherein the adapter is remotely reprogrammable by a provider computer through a wireless network, the adapter comprising:

a communications port for electronically connecting the adapter to the electronic device, wherein the adapter does not comprise a user interface with a display that is integrated as a part of the adapter;

communications hardware for communicating automatically with the provider computer through the wireless network;

a processor; and

memory programmed to cause the adapter to identify the electronic device, to send an identification of the adapter and an identification of the electronic device to the provider computer via the wireless network and to receive new data sent by the provider computer via the wireless network to update a program of the adapter, wherein the adapter sends the identification of the adapter to the provider computer without being requested to do so by the provider computer, wherein the adapter sends the identification of the adapter and the identification of the electronic device to the provider computer after the adapter is connected to a communication port of the electronic device and before the new data is received, wherein the new data comprises device instructions for the processor for communicating with the electronic device through the communications port, wherein the adapter is a handheld device that comprises a single-board computer.

2. (Previously Presented) The adapter as defined in claim 1 wherein the wireless network is a pager network.
3. (Previously Presented) The adapter as defined in claim 1 wherein the wireless network is a global communications network.
4. (Previously Presented) The adapter as defined in claim 1 wherein the wireless network is a cellular network.
5. (Original) The adapter as defined in claim 1 wherein the new data comprises a translator that includes an object representation of the electronic device.
6. (Original) The adapter as defined in claim 1 wherein the new data comprises a translator that includes a functional representation of the electronic device.
7. (Canceled)

8. (Currently Amended) A communications adapter for facilitating electronic communications with an electronic device having an external communications port wherein the adapter is remotely reprogrammable by a provider computer through a wireless network, the adapter comprising:

a communications port for electronically connecting the adapter to the external communications port of the electronic device, wherein the adapter does not comprise a user interface with a display that is integrated as a part of the adapter; communications hardware for communicating automatically with the provider computer through the wireless network, wherein the communications pathway between the communications hardware and the provider computer includes a wireless link; a processor; and memory programmed with instructions to cause the adapter to identify the electronic device, to send an identification of the adapter and an identification of the electronic device to the provider computer via the wireless network and to receive new instructions sent by the provider computer through the communications network to update a program of the adapter, wherein the adapter sends the identification of the adapter to the provider computer without being requested to do so by the provider computer, wherein the adapter sends the identification of the adapter and the identification of the electronic device to the provider computer after the adapter is connected to the communications port of the electronic device and before the new instructions are received, wherein the new instructions are executable by the processor for communicating with the electronic device through the communications port without altering any program code on the electronic device, wherein the adapter is a handheld device that comprises a single-board computer.

9. (Previously Presented) The adapter as defined in claim 8 wherein the wireless network is a pager network.
10. (Previously Presented) The adapter as defined in claim 9 wherein the new instructions include an object representation of the electronic device, wherein the object representation of the electronic device comprises services that reflect at least one of functions, variables, and events on the electronic device.
11. (Previously Presented) The adapter as defined in claim 9 wherein the new instructions include a functional representation of the electronic device, wherein the functional representation of the electronic device comprises functions that provide access to at least one of functions, variables, and events on the electronic device.
12. (Canceled)

13. (Currently Amended) A method for facilitating electronic communications with an electronic device comprising:

connecting a communications adapter to an external communications port of the electronic device, wherein the communications adapter comprises:
a communications port for electronically connecting the adapter to the electronic device, wherein the adapter does not comprise a user interface with a display that is integrated as a part of the adapter;
communications hardware for communicating automatically with a provider computer through a wireless network;
a processor; and
memory;
establishing communications with the provider computer through the wireless network;
identifying the electronic device;
sending an identification of the adapter and an identification of the electronic device to the provider computer via the wireless network, ~~wherein the adapter sends the identification of the adapter to the provider computer without being requested to do so by the provider computer;~~
receiving new instructions from the provider computer through the wireless network to update a program of the adapter, wherein the instructions are executable by the processor;
storing the new instructions in the memory of the adapter; and
communicating with the electronic device using the new instructions, wherein the adapter is a handheld device that comprises a single-board computer;
wherein the identification of the adapter and the identification of the electronic device are sent to the provider computer after the adapter is connected to the communication port of the electronic device and before the new instructions are received.

14. (Previously Presented) The method as defined in claim 13 wherein the wireless network is a pager network.

15. (Currently Amended) A communications adapter for facilitating electronic communications with an electronic device wherein the adapter is remotely reprogrammable by a provider computer through a wireless network, the adapter comprising:

means for communicating with the electronic device, wherein the adapter does not

comprise a user interface with a display that is integrated as a part of the adapter;

means for processing;

means for storing data;

means for communicating automatically with the provider computer through the wireless network;

means for identifying the electronic device;

means for sending an identification of the adapter and an identification of the electronic device to the provider computer via the wireless network, ~~wherein the adapter sends the identification of the adapter to the provider computer without being requested to do so by the provider computer;~~ and

means for causing the adapter to receive new instructions sent by the provider computer through the wireless network to update a program of the adapter, wherein the new instructions are executable by the means for processing for communicating with the electronic device without altering any program code on the electronic device, wherein the adapter is a handheld device that comprises a single-board computer; wherein the identification of the adapter and the identification of the electronic device are sent to the provider computer after the adapter is connected to a communication port of the electronic device and before the new instructions are received.

16. (Previously Presented) The communications adapter as defined in claim 1, wherein the adapter is unable to communicate with the electronic device without the new data sent by the provider computer, and wherein the new data allows the adapter to communicate with the electronic device.

17. (Previously Presented) The communications adapter as defined in claim 1, wherein the memory comprises flash memory, and wherein updating the program of the adapter comprises reprogramming the flash memory.

18. (Previously Presented) The communications adapter as defined in claim 1, wherein the communications adapter is reprogrammable for use with different types of electronic devices.

19. (Previously Presented) The communications adapter as defined in claim 1, wherein the new data comprises a translator, and wherein the translator is configured to send commands to the electronic device, access data on the electronic device, receive commands from the electronic device, control the electronic device, and translate messages to and from the electronic device.

20. (Previously Presented) The communications adapter as defined in claim 19, wherein the translator is associated with the electronic device, wherein the provider computer selects the translator from among multiple translators in a translator database, and wherein the translator database comprises other translators that are not associated with the electronic device.